Public Utility Commission of Texas Docket No. 22344-Unbundled COS Cases Forecast Test Yr Ended 12/31/02 Comparison of Utilities' Generic T&D Rates

Version: March 1, 2005

Class	Centerpoint (Reliant)	)		TXU	AEP	TCC (CPL)	TNC (WTU)	SWEPCO	TNMP		Sharyland		Entergy	
	Charges			Charges	Charges				Charges		Charges		Charges	
Residential	Customer Charge (per customer)	\$2.39		Customer Charge (per customer)	\$2.74 Customer Charge (per customer)	\$2.58	\$4.58	\$4.06	Customer Charge (per customer)	\$0.33	Customer Charge (per customer)	\$2.58	Customer Charge (per customer)	
													SINGLE PHASE	\$2.76
													THREE PHASE	\$5.79
	Metering Charge (per customer)	\$1.91		Metering Charge (per customer)	\$2.21 Metering Charge (per customer)	\$2.38	\$4.78	\$2.85	Metering Charge (per customer)	\$3.58	Metering Charge (per customer)	\$2.38	Metering Charge (per customer)	
													SINGLE PHASE	\$1.33
													THREE PHASE	\$9.14
	Transmission Charge (per kWh)	\$0.00431		Transmission Charge (per kWh)	\$0.004493 Transmission Charge (per kWh)	\$0.003712	\$0.004638	\$0.003840	Transmission Charge (per kWh)		Transmission Charge (per kW)		Transmission Charge (per kWh)	\$0.00342
	Distribution Charge (per kWh)	\$0.01887		Distribution Charge (per kWh)	\$0.014070 Distribution Charge (per kWh)	\$0.015628	\$0.019863		Distribution Charge (per kWh)	\$0.017291	Distribution Charge (per kW)	\$4.27	Distribution Charge (per kWh)	\$0.02111
Secondary	Customer Charge (per customer)	\$2.36		Customer Charge (per customer)	\$4.32 Customer Charge (per customer)	\$2.49	\$4.48	\$4.36	Customer Charge (per customer)	\$0.34	Optional Residential	_	Customer Charge (per customer)	\$5.47
< or = 10  kW	Metering Charge (per customer)	\$1.91		Metering Charge (per customer)	\$4.19 Metering Charge (per customer)	\$4.82	\$8.74	\$5.38	Metering Charge (per customer)	\$3.58			Metering Charge (per customer)	
(or kVa)											Customer Charge (per customer)	\$2.58	SINGLE PHASE	\$2.30
(Entergy &											Metering Charge (per customer)	\$2.38	THREE PHASE	
TNMP, 5 kW)	Transmission Charge (per kWh)	\$0.00238		Transmission Charge (per kWh)	\$0.003611 Transmission Charge (per kWh)	\$0.001869	\$0.002444		Transmission Charge (per kWh)	0.005680	Energy (per kWh)	\$0.02078	Transmission Charge (per kWh)	\$0.00339
	Distribution Charge (per kWh)	\$0.01857		Distribution Charge (per kWh)	\$0.018320 Distribution Charge (per kWh)	\$0.019006	\$0.031336	\$0.017601	Distribution Charge (per kWh)	0.030803			Distribution Charge (per kWh)	\$0.02635
Secondary	Customer Charge (per customer)	\$5.43		Customer Charge (per customer)	\$24.90 Customer Charge (per customer)	\$2.57	\$4.76	\$4.00	Customer Charge (per customer)	\$1.08	Customer Charge (per customer)	\$2.57	Customer Charge (per customer)	
>10 kW													SINGLE PHASE	\$2.91
(or kVa)													THREE PHASE	\$8.31
(Entergy &	Metering Charge (per customer)			Metering Charge (per customer)	\$16.65 Metering Charge (per customer)	\$8.98	\$12.29	\$7.94	Metering Charge (per customer)	\$18.62	Metering Charge (per customer)	\$8.98	Metering Charge (per customer)	
TNMP, 5 kW)	Non-IDR customers	\$32.80											SINGLE PHASE	\$4.86
	IDR customers	\$120.35											THREE PHASE	\$13.24
	<u>Transmission Charge (per kVa)</u>			Transmission Charge (per kW)	<u>Transmission Charge (per kW)</u>				Transmission Charge (per kW)		Transmission Charge (per kW)		Transmission Charge (per kW)	\$0.91
	Non-IDR customers	\$1.03		NON-IDR Customers	\$1.19 NON-IDR Customers	\$0.97	\$0.94	\$0.69	NON-IDR Customers	\$1.03	IDR Customers	\$1.38	Non-IDR customers	
	IDR customers	\$1.34		IDR Customers	\$1.47 IDR Customers	\$1.38	\$1.38		IDR Customers	\$1.19			IDR customers	
	Distribution Charge (per kVa)	\$3.26		Distribution Charge (per kW)	\$3.55 Distribution Charge (per kW)	\$3.27	\$2.93	\$2.78	Distribution Charge (per kW)		Distribution Charge (per kW)	\$4.38	Distribution Charge (per kW)	\$4.25
Primary	Customer Charge (per customer)	\$117.58	•	Customer Charge (per customer)	\$6.13 Customer Charge (per customer)	\$2.54	\$6.15	\$4.14	Customer Charge (per customer)	\$2.82			<u>Customer Charge (per customer)</u>	\$46.00
		<	<=10 kW	Metering Charge (per customer)	\$6.33									
				Transmission Charge (per kWh)	\$0.002077									
	Metering Charge (per customer)				Metering Charge (per customer)	\$88.02	\$59.86	\$44.15	Metering Charge (per customer)	\$30.41			Metering Charge (per customer)	
	Non-IDR customers	\$32.80											SINGLE PHASE	\$136.16
	IDR customers	\$120.35		Distribution Charge (per kWh)	\$0.009391								THREE PHASE	\$391.96
	<u>Transmission Charge (per kVa)</u>		•	Customer Charge (per customer)	\$0.00 <u>Transmission Charge (per kW)</u>				<u>Transmission Charge (per kW)</u>				Transmission Charge (per kW)	\$0.99
	Non-IDR customers	\$1.33		Metering Charge (per customer)	\$41.56 NON-IDR Customers	\$2.07	\$2.13		NON-IDR Customers	\$1.28			Non-IDR customers	
	IDR customers	\$1.29		<u>Transmission Charge (per kW)</u>	IDR Customers	\$1.38	\$1.38		IDR Customers	\$1.24			IDR customers	
	Distribution Charge (per kVa)	\$3.04		NON-IDR Customers	\$0.93 Distribution Charge (per kW)	\$2.62	\$1.79	\$2.33	Distribution Charge (per kW)	\$6.35			Distribution Charge (per kW)	\$2.59
				IDR Customers	\$1.43									
				Distribution Charge (per kW)	\$2.96									
	Customer Charge (per customer)	\$1,181.91		Customer Charge (per customer)	\$1,715.21 Customer Charge (per customer)	\$2.39	\$7.15		Customer Charge (per customer)	\$175.93			Customer Charge (per customer)	\$995.79
	Metering Charge (per customer)	\$120.35		Metering Charge (per customer)	\$294.79 Metering Charge (per customer)	1,164.25	\$250.00		Metering Charge (per customer)	\$5,491.23			Metering Charge (per customer)	\$2,922.62
	Transmission Charge (per kVa)	\$1.31		Transmission Charge (per kW)	\$1.06 Transmission Charge (per kW)	\$1.38	\$1.38		Transmission Charge (per kVa)	\$1.28			Transmission Charge (per kW)	\$1.08
	Distribution Charge (per kVa)	\$0.32		Distribution Charge (per kW)	\$0.82 Distribution Charge (per kW)	\$0.12	\$0.12	\$0.04	Distribution Charge (per kVa)	\$0.13			Distribution Charge (per kW)	\$0.00

#### Note:

For Reliant, within the Sec > 10 kVa and Primary classes, for customers with demand > 10 kVa and <=50 kVa and customers with demand >50 kVa and <=400 kVa and a load factor <=10 %, the customer charge and metering charge are \$0.00 per customer and \$17.58 per customer respectively.

For SWEPCO, the transmission rates are taken from the Company's filing and only for demonstration purposes.

For Entergy, the transmission rates are estimated, based on 1999 historical revenue. Only for demonstration purposes.

Public Utility Commission of Texas
Docket No. 22344-Unbundled COS Cases
Forecast Test Yr Ended 12/31/02
Comparison of Utilities' Metering Credits

Version: March 1, 2005

# **Metering Credit**

Class	Centerpoint (Reliant)		TXU		AEP	TCC (CPL)	TNC (WTU)	TNMP	SHARYLAND
	Charges		Charges		Charges			Charges	Charges
Secondary < or =10 kW (or kVa) (Entergy & TNMP, 5 kW)		36	Metering Credit (per customer)	\$1.17	Metering Credit (per customer)	\$1.21	\$1.21	Metering Credit (per customer) \$0.40	
Secondary >10 kW (or kVa) (Entergy & TNMP, 5 kW)		28 29 69	Metering Credit (per customer)	\$3.15	Metering Credit (per customer)	\$2.17	\$2.17	Metering Credit (per customer) \$2.00	Metering Credit (per customer) \$2.17
Primary	Non-IDR customers - Subclass \$	Primary 28 <=10 kW 29 Primary >10 kW		\$3.28 \$15.83	Metering Credit (per customer)	\$23.00	\$13.00	Metering Credit (per customer) \$3.20	
Transmission	Metering Credit (per customer) \$1.	69	Metering Credit (per customer)	\$17.57	Metering Credit (per customer)	\$140.00	\$30.00	Metering Credit (per customer) \$100.00	
Lighting			Metering Credit (per customer)	\$1.17					_

**Schedule Commission-2** 

Public Utility Commission of Texas Docket No. 22344-Unbundled COS Cases Forecast Test Year Ended December 31, 2002 Comparison of Utilities' Other Non-Bypassable Charges Version: March 1, 2005

### System Benefit Funds Fees per kWh

#### **Retail Clawback Credit**

Class	Centerpoint (Reliant)	TXU	TCC (CPL)	TNC (WTU)	SWEPCO	TNMP	Sharyland	Entergy	TXU Docket 25230	
Residential	\$0.000655	\$0.000655	\$0.000662	\$0.000660	\$0.000493	\$0.000654	\$0.000662	\$0.000512	Class	Charges
Secondary $<$ or $= 10 \text{ kW}$	\$0.000656	\$0.000655	\$0.000662	\$0.000660	\$0.000488	\$0.000654		\$0.000512	Residential	per kwh \$2.7
Secondary > 10 kW	\$0.000657	\$0.000655	\$0.000662	\$0.000657	\$0.000494	\$0.000654	\$0.000662	\$0.000512		
Primary	\$0.000641	\$0.000637	\$0.000635	\$0.000623	\$0.000476	\$0.000645		\$0.000499		
Transmission	\$0,000635	\$0,000625	\$0,000624	\$0,000615	\$0,000458	\$0,000626		\$0,000.480		

# **Nuclear Decommissioning Charges**

Net Merger Savings Credit & Rate Reduction Rider

										Yea	ır 5	
	TXU		Entergy			CenterPoir	nt (Separation Pending)		TCC D	-29631	TNC D-2	9631
Class		Charges	Class	Cl	narges	Class	Charges	Class	NMS	RR	NMS	RR
Residential	per kwh	\$0.000169	Residential	per kwh	\$0.000262	Residential	per kwh	Residential	3.4445%	2.2937%	3.3745%	1.8817%
Secondary < or = 10 kW	per kwh	\$0.000146	Secondary < or = 5 kW	per kwh		Secondary < or = 10 kW	per kwh	Secondary < or = 10 kW	1.9209%	3.7672%	1.7636%	1.8235%
Secondary > 10 kW	per kW	\$0.044	Secondary > 5 kW	per kW		Secondary > 10 kW	per kW	Secondary > 10 kW	2.0002%	3.9417%	2.8380%	3.1494%
Primary<=10 kW	per kWh	\$0.000096	Primary	per kW	\$0.065	Primary<=10 kW	per kWh	Primary	2.6649%	5.4293%	3.4549%	4.5881%
Primary>10 kW	per kW	\$0.045	Transmission	per kW	\$0.069	Primary>10 kW	per kW	Transmission	10.3309%	17.2888%	0.8756%	0.8922%
Transmission	per kW		Non-Roadway Lighting	per kWh	\$0.000129	Transmission	per kW	Municipal Lighting	0.5590%	1.3823%	1.4658%	2.4191%
Lighting	per kWh	\$0.000147		per kWh	\$0.000130	Lighting	per kWh	Non-Roadway Lighting	0.8212%	2.0863%	0.8859%	2.1881%

Note: Other utilities' NDCs are included in the distribution charges.

Note: Percentages Change Yearly On July 1.

# **Municipal Franchise Fees**

Te	xas Central (TCC) (CPL)	Texas No	rth (TNC) (WTU)	SWEPCO			
Class	Charges	Class	Charges	Class	Charges		
Transmission-Industrial	per kWh \$0.00227	Transmission-Industrial	per kWh \$0.000884	Transmission-Industrial	per kWh \$0.001026		
Inside City		Inside City		Inside City			
Transmission-Industrial	per kWh \$0.00022	Transmission-Industrial	per kWh \$0.000884	Transmission-Industrial	per kWh \$0.000470		
Outside City		Outside City		Outside City			
Transmission-Non	per kWh \$0.00185	Transmission-Non	per kWh \$0.000884	Transmission-Non	per kWh \$0.000768		
Industrial		Industrial		Industrial			

	Entergy	TNMP					
Class	Charges	Class	Charges				
Transmission	per kWh \$0.001838	Transmission	per kWh \$0.001175				
Inside City		Inside City					

Note: Other Customers' Municipal Franchise Fees are recovered through the base distribution charges.

Public Utility Commission of Texas Docket No. 22344-Unbundled COS Cases Forecast Test Year Ended December 31, 2002 Comparison of Utilities' Excess Mitigation Credits Version: March 1, 2005

**Schedule Commission-4** 

**Excess Mitigation Credits** 

	TXU	C	enterpoint (	Reliant)	Texas Central (T	CC) (CPL)	
Class	Charges	Class		Charges	Class		Charges
Residential	per kWh \$0.000000	Residential	per kWh	\$0.004873	Residential	per kWh	\$0.000822
C 1		MCC D. 10 K	137	Ф1 177		1 3371	Φ0.001100
Secondary	1 1111	MGS-D > 10 Kva	per kVa		Commercial and Small Industrial - Energy	per kWh	\$0.001108
Secondary =<10 kW	<u> </u>	MGS-D = < 10  Kva	-	\$0.003638		1 777	40.250
Secondary >10kW	per kW \$0.000	MGS-T	per kVa	\$1.356	Commercial and Small Industrial - Demand	per kW	\$0.258
Primary		LGS-D	per kVa	\$1.083	Large Industrial - Firm	per kW	\$0.232
Primary=<10 kW	per kWh \$0.000000		per kVa	\$1.207		F	,
Primary>10kW	per kW \$0.000		F · · ·		Standby - Firm	per kW	\$0.022
3 gr 2 - 1		LOS-A	per kVa	\$1.087		1	,
Transmission	per kW \$0.000	LOS-B	per kVa	\$1.002	Standby - Non-Firm	per kW	\$0.028
Lighting Service	per kWh \$0.000000						
Instantaneous Interruptible	per kW \$0.000	Lighting	per kWh	\$0.014174	Large Industrial - Non-Firm	per kW	\$0.047
Noticed Interruptible	per kW \$0.000	SCP	per kVa	\$1.330			
		SES-D	per kVa	\$0.166	Municipal and Cotton Gin	per kWh	\$0.000825
THE EMC CHARGES OF T	XU EXPIRED IN DECEMBER	SES-T	per kVa	\$0.121			
OF 2003 PER THE TERM	S OF THE SETTLEMENT	IS-30	per kVa	\$0.401			
AGREEMENT IN DOCKE	T NO. 25230	IS-10	per kVa	\$0.167			
		ISI	per kVa	\$0.239			
		ISS-D	per kVa	\$0.420			
		ISS-T	per kVa	\$0.506			
		SBI	per kVa	\$0.032			

Public Utility Commission of Texas Docket No. 22344-Unbundled COS Cases Forecast Test Year Ended December 31, 2002 Comparison of Utilities' TCRF Charges Version: March 1, 2005

# **Transmission Cost Recovery Factor (TCRF)**

TXU	Docket 30655		Centerpoint (1	Reliant) Docket 30654		Texas Central (TCC) (	CPL) Docket 30657	
Class	Charges		Class	Charges		Class	Charges	
Residential	per kWh \$0	0.000899	Residential	per kWh	\$0.000752	Residential	per kWh	\$0.000705
Secondary			Secondary			Secondary		
Secondary =<10 kW	per kWh \$0	0.000882	Secondary =<10 kVa	per kwh	\$0.000381	Secondary =<10 kW	per kWh	\$0.000343
Secondary >10kW NonIDR	per NCP kW \$0	0.218670	Secondary >10kVa IDR	per 4CP kVa	\$0.244125	Secondary >10kW IDR	per Avg 4CP kW	\$0.153214
Secondary >10kW IDR	per 4CP kW \$0	0.232808	Secondary >10kVa NonIDR	per NCP kVa	\$0.162337	Secondary >10kW NonIDR	per kW	\$0.178861
Primary			Primary			Primary		
Primary=<10 kW	per kWh \$0	0.000486	Primary IDR	per 4CP kVa	\$0.302292	Primary IDR	per Avg 4CP kW	\$0.204949
Primary>10kW NonIDR	per NCP kW \$0	0.683723	Primary NonIDR	per NCP kVa	\$0.271985	Primary NonIDR	per kW	\$0.854351
Primary>10kW IDR	per 4CP kW \$0	0.218281						
			Transmission	per 4CP kVa	\$0.293465	Transmission	per Avg 4CP kW	\$0.385766
Transmission IDR	per 4CP kW \$0	0.284134	Lighting					_
			Street Lighting Service	per kWh	\$0.000			
			Misc. Lighting Service	per kWh	\$0.000			

Texas North (TI	NC) (WTU) Docket 3065	6	TNMF	P Docket 30652		Sharyland Docket 30689				
Class	Charges		Class	Charges		Class	Cha	rges		
Residential	per kWh	\$0.000972	Residential	per kWh	\$0.000866	Residential	per 4CP kW	\$0.038275		
Secondary			Secondary			Optional Residential				
Secondary =<10 kW	per kWh	\$0.000408	Secondary =<5 kW	per kWh	\$0.000842	Energy Rate	per kWh	\$0.000104		
Secondary >10kW IDR	per Avg 4CP kW	\$0.426257	Secondary >5kW NonIDR	per NCP kW	\$0.211975					
Secondary >10kW NonIDR	per kW	\$0.209793	Secondary >5kW IDR	per 4CP kW	\$0.037171	Secondary	per 4CP kW	\$0.270871		
Primary			Primary							
Primary IDR	per Avg 4CP kW	\$0.279853	Primary NonIDR	per NCP kW	\$0.351004					
Primary NonIDR	per kW	\$0.629128	Primary IDR	per 4CP kW	\$0.174683					
Transmission	per Avg 4CP kW	\$0.133765	Transmission	per 4CP kVa	\$0.159072					

Forecast Test Year Ended December 31, 2002 Comparison of Utilities' Transition Charges

Version: March 1, 2005

### **Transition Charges**

High Voltage

Lighting Service

Noticed Interruptible

Instantaneous Interruptible

per kW

per kW

per kW

per kWh

\$0.149

\$0.146

\$0.316

\$0.001343

TXU T	C1 Docket 304	433	Centerpoin	t (Reliant) D	ocket 30245	Texas Central (TCC) (CP	L) Docket 30	360
Class		Charges	Class		Charges	Class		Charges
Residential	per kWh	\$0.000691	Residential	per kWh	\$0.0015000	Residential	per kWh	\$0.004521
Secondary			MGS-D > 10 Kva	per kVa	\$0.443	Commercial and Small Industrial - Energy	per kWh	\$0.006436
Secondary =<10 kW	per kWh	\$0.000632	MGS-D = < 10  Kva	per kWh	\$0.001658			
Secondary >10kW	per kW	\$0.185	MGS-T	per kVa	\$0.317	Commercial and Small Industrial - Demand	per kW	\$1.493432
Primary			LGS-D	per kVa		Large Industrial - Firm	per kW	\$0.842450
Primary=<10 kW	per kWh	\$0.000455	LGS-T	per kVa	\$0.866			
Primary>10kW	per kW	\$0.219				Standby - Firm	per kW	\$0.112013
			LOS-A	per kVa	\$0.462			
High Voltage	per kW	\$0.092	LOS-B	per kVa	\$0.681	Standby - Non-Firm	per kW	\$0.139051
Lighting Service	per kWh	\$0.000794						
Instantaneous Interruptible	per kW	\$0.087	Lighting	per kWh	\$0.000950	Large Industrial - Non-Firm	per kW	\$0.826718
Noticed Interruptible	per kW	\$0.174	SCP	per kVa	\$0.578			
			SES-D	per kVa	\$0.202	Municipal and Cotton Gin	per kWh	\$0.005905
TXU T	C2 Docket 304	433	SES-T	per kVa	\$0.305			
Class		Charges	IS-30	per kVa	\$0.292			
Residential	per kWh	\$0.001164	IS-10	per kVa	\$0.171			
			ISI	per kVa	\$0.161			
Secondary			ISS-D	per kVa	\$0.378			
Secondary =<10 kW	per kWh	\$0.000577	ISS-T	per kVa	\$0.498			
Secondary >10kW	per kW	\$0.163	SBI	per kVa	\$0.042			
Primary								
Primary=<10 kW	per kWh	\$0.000799						
Primary>10kW	per kW	\$0.355						